AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application: LISTING OF CLAIMS:

1. (currently amended): A device comprising:

an industrial control unit operable to control one or more USB devices in an industrial plant;

an one or more industrial control panel panels operable to communicate with said industrial control unit as a USB device devices and further operable to control various functions of the industrial plant;

a main USB hub connected to said industrial control panels; and

a communication link connecting said industrial control unit to said industrial control panel panels and operable to facilitate the communications therebetween,

wherein each of said industrial control panel panels comprises;

-a plurality of integrated functional units operable to respectively carry out the various functions of the industrial plant, each of the functional units being furnished with a respective USB controller; and

an integrated USB <u>panel</u> hub operable to inter-connect the USB controllers of the respective functional units.

2. (original): A device according to claim 1, wherein said industrial control unit comprises a USB interface, and said communication link is a USB line that is connected to the USB interface of said industrial control unit.

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- 3. (original): A device according to claim 1, wherein the functional units are input and output components.
- 4. (currently amended): A device according to claim 3, wherein the functional units are selected from a group comprising consisting of an operator keyboard, a touch screen input unit, a status display, a key display, a touch pad, a roller ball, and a piezo pad.
- 5. (original): A device according to claim 1, wherein the functional units comprise a communication interface operable to connect additional control devices and output devices or for temporary connection of mass storage devices.
- 6. (original): A device according to claim 1, wherein a line length of said communication link is greater than 5 meters.
- 7. (currently amended): A device according to claim 1, wherein the <u>main</u> USB hub is connected to said industrial control unit via a two-wire connection.
- 8. (currently amended): A device according to claim 1, further comprising:

 an additional USB hub assigned to said control panel, wherein said additional integrated

 USB panel hubs are hub being connected to the functional units of said control panel panels via a firstrespective USB line panel lines, and connected to the functional units of at least one

units; and

additional control panel via a second USB line, and connected to said industrial control unit via a third-dedicated USB control unit line.

- 9. (original): A device according to claim 8, wherein said <u>additional integrated USB</u> panel hubs are hub is physically integrated into said control <u>panel panels</u>.
 - 10. (currently amended): An industrial control panelsystem comprising:

one or more control panels each comprising a plurality of integrated functional units, each of which is associated with a respective USB controller and wherein one or more of said functional units is operable to control a respective function within an industrial plant, and an integrated USB hub operable to inter-connect said USB controllers of said functional

an external USB hub operably connected to each of said control panels via the respective integrated USB hubs,

wherein said industrial control panel ispanels are connected to a secondary device via a communication link operably connected to said integrated external USB hub.

- 11. (currently amended): An industrial control panel system according to claim 10, wherein one or more of said functional units are input and output components.
- 12. (currently amended): An industrial control panel system according to claim 11, wherein said functional units are selected from a group comprising consisting of an operator



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keyboard, a touch screen input unit, a status display, a key display, a touch pad, a roller ball, and a piezo pad.

- 13. (currently amended): An industrial control panel-system according to claim 10, wherein said functional units comprise a communication interface operable to connect additional control devices and output devices or for temporary connection of mass storage devices to said industrial control panel panels.
- 14. (currently amended): A method for sending control signals within an industrial facility, said method comprising:

providing an industrial control unit operable to control one or more USB devices within the industrial facility;

providing an-one or more industrial control panel panels as one of the USB devices and comprising a plurality of functional units, each functional unit having a respective USB controller; and

operably connecting said industrial control unit to each of the plurality of functional units via a USB hub integrated within <u>each of said industrial control panel panels</u> and having a panel connection with a corresponding connection for each of the functional units and a control unit connection for sending or receiving control signals to or from said industrial control unit <u>via an external USB hub that is operably connected to the industrial control panels and to the industrial control unit.</u>

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Claim 15. (canceled).

16. (new): A device according to claim 1 wherein said industrial control unit and said main USB hub are connected via a single cable.